SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
- **Product name**: Advanced Hand Sanitizer
- **Product size**: 2oz/60ml, 4oz/120ml, 6oz/180ml, 8oz/236ml, 16oz/500ml, 1 gallon/3,784.4ml
- **Product code**: Fragranced

1.2. Relevant identified uses of the substance or mixture and uses advised against
- **Use of the substance/mixture**: Hand sanitizer
- **Use advised against**: None identified

1.3. Details of the supplier of the safety data sheet
- Valley of the Sun Cosmetics, LLC
  - 535 Patrice Place
  - Gardena, CA 90248
  - Tel: 310-327-9062
  - cleanbeautyconcepts.com

1.4. Emergency telephone number
- **Emergency number**: For Emergency only, Call CHEMTREC (24 HOURS)
  - 1-800-424-8300 (US and Canada)
  - 1-703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
- **Classification**:
  - Flammable Liquid, Category 2
  - Eye Damage/Irritation, Category 2A
  - Sensitization-skin, Category 1

2.2. Label elements
- **Labelling**
- **Hazard pictograms**: ![Exclamation Mark](image1), ![Flame](image2)
- **Signal word**: Danger
- **Hazard statements**:
  - Highly flammable liquid and vapour
  - May cause an allergic skin reaction
  - Causes serious eye irritation
- **Precautionary statements**:
  - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  - Keep container tightly closed.
  - Ground and bond container and receiving equipment.
  - Use explosion-proof electrical/ventilating/lighting/equipment.
  - Use non-sparking tools.
  - Take action to prevent static discharges.
  - Avoid breathing mist/vapors/spray.
  - Wash hands and exposed skin thoroughly after handling.
  - Wear protective gloves/eye protection.
  - Contaminated work clothing must not be allowed out of the workplace.
  - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
  - If on skin: Wash with plenty of water.
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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
In case of fire: Use water spray, dry powder or carbon dioxide to extinguish.
Store in a well-ventilated place. Keep cool.
Dispose of contents in accordance with local, state or national legislation.

2.3. Other hazards
Other hazards which do not result in Spills of this product present a serious slipping hazard.

2.4. Unknown acute toxicity
Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier (CAS No.)</th>
<th>% w/w</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethanol ethyl alcohol</td>
<td>64-17-5</td>
<td>70</td>
</tr>
<tr>
<td>glycerol</td>
<td>56-81-5</td>
<td>1.45</td>
</tr>
<tr>
<td>hydrogen peroxide solution</td>
<td>7722-84-1</td>
<td>0.125</td>
</tr>
<tr>
<td>Acrylates/C10-C30 alkyl acrylate cross polymer</td>
<td>Trade secret</td>
<td>0.20</td>
</tr>
<tr>
<td>Eucalyptus globulus, ext.</td>
<td>84625-31-1</td>
<td>0.1 – 0.5</td>
</tr>
</tbody>
</table>

The specific chemical component identities and/or the exact component percentages of this material may be withheld as trade secrets.
This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200 (i)(1).
Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, mutagen, and reproductive toxicant, respiratory tract and skin sensitizers in addition to oral/ inhalation acute toxicant in category 1 and 2). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.
First-aid measures after ingestion: If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician

4.2. Most important symptoms and effects, both acute and delayed
Contact to eyes causes serious eye irritation. Symptoms include stinging, watering, redness, and swelling. May cause irritation, allergic contact dermatitis.

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Unsuitable extinguishing media: Water jet spray

5.2. Special hazards arising from the substance or mixture
Highly flammable liquid and vapour. May decompose in a fire, giving off toxic and irritant vapours.
5.3. **Advice for firefighters**

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protective equipment for firefighters: Do not enter fire area without proper protective equipment, including respiratory protection.

Other information: Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

### SECTION 6: Accidental release measures

6.1. **Personal precautions, protective equipment and emergency procedures**

General measures: Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Wear suitable protective clothing, gloves and eye/face protection.

### 6.2. Environmental precautions

This material and its container must be disposed of in a safe way.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Containers must not be punctured or destroyed by burning, even when empty.

### 6.4. Reference to other sections

Refer to section 8 and 13 for additional information on personal protection equipment and waste disposal.

### SECTION 7: Handling and storage

7.1. **Precautions for safe handling**

Additional hazards when processed: Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. **Conditions for safe storage, including any incompatibilities**

Storage conditions: Store in a well-ventilated place. Keep cool.

Storage temperature: Ambient.

Storage life: Stable under normal conditions.

Incompatible materials: None known.

7.3. **Specific end use(s)**

No additional information available

### SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

**Occupational Exposure Limits**

<table>
<thead>
<tr>
<th>SUBSTANCE:</th>
<th>CAS No.</th>
<th>LTEL (8 hr TWA ppm)</th>
<th>LTEL (8 hr TWA mg/m³)</th>
<th>STEL (ppm)</th>
<th>STEL (mg/m³)</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol (Ethanol)</td>
<td>64-17-5</td>
<td>1000</td>
<td>1900</td>
<td></td>
<td></td>
<td>OSHA PEL Z-1</td>
</tr>
<tr>
<td>Ethyl alcohol; ethanol</td>
<td>64-17-5</td>
<td>1000</td>
<td>1900</td>
<td></td>
<td></td>
<td>OSHA PEL</td>
</tr>
<tr>
<td>Ethyl alcohol (Ethanol)</td>
<td>64-17-5</td>
<td>1000</td>
<td></td>
<td></td>
<td></td>
<td>NIOSH REL Z-1</td>
</tr>
<tr>
<td>Ethanol (Ethyl alcohol)</td>
<td>64-17-5</td>
<td>1000</td>
<td>1880</td>
<td></td>
<td></td>
<td>ACGIH TLV</td>
</tr>
<tr>
<td>Glycerin (mist) (Total dust)</td>
<td>56-81-5</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL Z-1</td>
</tr>
<tr>
<td>Glycerin (mist) (Respirable fraction)</td>
<td>56-81-5</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL Z-1</td>
</tr>
<tr>
<td>Glycerin (mist) (Total dust)</td>
<td>56-81-5</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td>Comp,OSHA PEL Z-1</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>1</td>
<td>1.4</td>
<td></td>
<td></td>
<td>OSHA PEL Z-1</td>
</tr>
</tbody>
</table>
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| Hydrogen peroxide, as H2O2 | 7722-84-1 | 1 | 1.4 | OSHA PEL |
| Hydrogen peroxide | 7722-84-1 | 1 | 1.4 | NIOSH REL Z-1 |
| Hydrogen peroxide | 7722-84-1 | 1 | 1.4 | ACGIH TLV |

Remark
OSHA PEL Z-1 Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) from 29 CFR 1910.1000 Z-1 Table
OSHA PEL Occupational Safety and Health (OSHA) Permissible Exposure Limits (PELs).
NIOSH REL Z-1 National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limits (RELs) from the NIOSH Pocket Guide to Chemical Hazards table Z-1: Up to 10-hour time weighted average (TWA) during a 40-hour work week
ACGIH TLV The American Conference of Governmental Industrial Hygienists (ACGIH®) Threshold Limit Values (TLVs®) 2018

8.2. Exposure controls
Appropriate engineering controls: Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.
Personal protective equipment: Handle in accordance with good industrial hygiene and safety practices. Avoid all unnecessary exposure. For certain operations, additional Personal Protection Equipment (PPE) may be required.
Hand protection: Wear protective clothing and gloves: Impervious gloves
Eye protection: Wear eye protection with side protection
Skin and body protection: In case of repeated or prolonged exposure: Personal protective clothing should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling.
Respiratory protection: Normally no personal respiratory protection is necessary.
Other information: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state: Liquid
Appearance: Clear gel
Color: Colorless
Odor: Alcohol-like
Odor threshold: No data available
pH: No data available
Relative evaporation rate (butyl acetate=1): No data available
Melting point: Not applicable
Freezing point: No data available
Boiling point: 172 °F (78 °C) estimated
Flash point: ca 68 °F (20 °C) estimated
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): Not applicable
Vapor pressure: No data available
Relative vapor density at 20 °C: No data available
Relative density: 0.83 (water=1)
Solubility: Soluble in water
Log Pow: No data available
Log Kow: No data available
Viscosity, kinematic: No data available
Viscosity: No data available
Explosive properties: No data available
Oxidising properties: No data available
Explosive limits: No data available

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9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
None anticipated

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No hazardous reactions known if used for its intended purpose.

10.4. Conditions to avoid
Avoid friction, sparks, or other means of ignition.

10.5. Incompatible materials
Not known.

10.6. Hazardous decomposition products
No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - Ingestion : Not classified.
   Calculated acute toxicity estimate (ATE) Calc ATE - 400000.00000
Acute toxicity - Skin Contact : Not classified.
Acute toxicity - Inhalation : Not classified.
   Calculated acute toxicity estimate (ATE) Calc ATE - 8800.00000
Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Calculation method : Causes serious eye irritation
Respiratory or skin sensitization : Calculation method : May cause an allergic skin reaction

Germ cell mutagenicity : Not classified
   (Based on available data, the classification criteria are not met)
Carcinogenicity : Not classified
   (No carcinogen substances in IARC, NTP or OSHA cited.)
Reproductive toxicity : Not classified
   (Based on available data, the classification criteria are not met)
Specific target organ toxicity (single exposure) : Not classified
   (Based on available data, the classification criteria are not met)

Specific target organ toxicity (repeated exposure) : Not classified
   (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified
   (Based on available data, the classification criteria are not met)

11.2 Other information
Not known

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**SECTION 12: Ecological information**

12.1. **Toxicity**

Ecology – Aquatic invertebrates: Low toxicity to invertebrates.

Toxicity - Fish: Low toxicity to fish.

Toxicity - Algae: Low toxicity to algae.

Toxicity - Sediment Compartment: Not classified.

Toxicity - Terrestrial Compartment: Not classified.

12.2. **Persistence and degradability**

No additional information available

12.3. **Bioaccumulative potential**

No additional information available

12.4. **Mobility in soil**

No additional information available

12.5. **Other adverse effects**

Effect on ozone layer: No additional information available

Effect on the global warming: No additional information available

**SECTION 13: Disposal considerations**

13.1. **Waste treatment methods**

Waste disposal recommendations: Dispose of contents in accordance with local, state or national legislation. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Do NOT landfill. Normal disposal is via incineration operated by an accredited disposal contractor. Send to a licensed recycler, reclamer or incinerator. Dispose at suitable refuse site.

Ecology - waste materials: Avoid release to the environment.

**SECTION 14: Transport information**

14.1 **UN number**

UN No. 1987

14.2 **UN proper shipping name**

UN proper shipping name: ALCOHOLS, N.O.S.

14.3 **Transport hazard class(es)**

ADR/RID

ADR/RID Class: 3

ADR Classification Code: F1

Special Provisions: 274 601 640C

Limited Quantities: 1 L

Excepted Quantities: E2

Emergency Action Code: •3YE

Mixed Packing Instructions for Packages: P001

Special Packing Provisions for Packages

Mixed Packing Instructions for Packages: MP19

Packing Instructions for Portable Tanks: T7
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Special Provisions for Portable Tanks: TP1 TP8 TP28
Tank Code for Tanks: L1.5BN
Special Provisions for Tanks:
Vehicle for Tank Carriage: FL
ADR Transport Category: 2
Tunnel Restriction Code: D/E
Special Provisions for Carriage - Packages:
Special Provisions for Carriage - Bulk:
Special Provisions for Carriage - Loading, Unloading and Handling:
Special Provisions for Carriage - Operation:
ADR HIN: 33
IMDG
IMDG Class: 3
Special Provisions: 274 601 640C
Limited Quantities: 1 L
Excepted Quantities: E2
Mixed Packing Instructions for Packages: P001
Special Packing Provisions for Packages:
Special Provisions for Portable Tanks: T7
IMDG EMS
Stowage and Handling: Category B
Segregation:
Marine Pollutant:
ICAO/IATA
IATA Proper Shipping Name: ALCOHOLS, N.O.S.
 Excepted Quantities: E1
Passenger and Cargo Aircraft Limited Quantities Packing Instructions: Y344
Passenger and Cargo Aircraft Limited Quantities Max net Qty: 10L
Passenger and Cargo Aircraft Packing Instructions: 355
Passenger and Cargo Aircraft Max net Qty: 60L
Cargo Aircraft Packing Instructions: 366
Cargo Aircraft Max net Qty: 220L
Special Provisions: A3, A180
Emergency Response Guidebook (ERG) Code:
Labels:

14.4 Packing group
Packing group: II

14.5 Environmental hazards
Environmental hazards: Not classified as a Marine Pollutant.

14.6 Special precautions for user

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Special precautions for user
Not known.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
No information available

SECTION 15: Regulatory information

15.1 US Federal Regulations
Toxic and hazardous substances (29 CFR 1910; Subpart Z) Listed : 64-17-5, 56-81-5, 7722-84-1
National emission standards for hazardous air pollutants (40 CFR 61.01) Not listed
SARA Title III Section 313 Not listed
TSCA (Toxic Substance Control Act) Listed : 64-17-5 (Active), 7732-18-5 (Active), 56-81-5 (Active), 7722-84-1 (Active), 124-68-5 (Active)
CAA 602 - Ozone Depleting Substances (ODS) Not listed

15.2 US State Regulations
State Right to Know Lists
Proposition 65 (California) Not listed
Minnesota Listed : 64-17-5, 56-81-5, 7722-84-1
New Jersey Listed : 64-17-5, 56-81-5, 7722-84-1, 124-68-5
Pennsylvania Listed : 64-17-5, 56-81-5, 7722-84-1, 124-68-5
Rhode Island Listed : 64-17-5, 56-81-5

15.3 Other
OSPAR List of Chemicals for Priority Action Not listed
OSHA (List of Highly Hazardous Chemicals, Toxics and Reactives) Listed : 7722-84-1
NTP (National Toxicology Program) Not listed
IARC (International Agency for Research on Cancer) Listed : 64-17-5, 7722-84-1

SECTION 16: Other information

Indication of changes : Not applicable
Revision date : Not applicable

Acronyms
ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS : Chemical Abstracts Service
IATA : International Air Transport Association
IBC : Intermediate Bulk Container
ICAO : International Civil Aviation Organization
IMDG : International Maritime Dangerous Goods
LTEL : Long term exposure limit
RID : Regulations concerning the International Carriage of Dangerous Goods by Rail
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
UN : United Nations

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Custom code: FFC4